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D. M. Ferry & Co's

WHOLESALE LIST

OF

SEEDS

FOR

1890

D. M. FERRY & Co.,

SEEDSMEN,

DETROIT, - MICHIGAN.



TO THE TRADE.

We herewith submit our **Annual Wholesale Price List of Seeds in Bulk for 1890**. We are from time to time extending our operations as Seed growers, and in the careful selection of our stock Seeds, the inspection and supervision of our growing crops, as well as in the care of our Seed crops when produced, to fit them for market, we are continually increasing and improving our facilities for supplying Seeds of a **Superior Quality**. Our Seed crops are very fine this season, both as to quantity and quality, verifying our former statements of the adaptability of the soil and climate of Michigan to seed growing. Those seeds not adapted to this State we have grown for us, as usual, from carefully selected Stocks, by experienced growers in different parts of the United States, Canada and Europe. All these crops are also carefully inspected by us, and samples from the stock Seeds used are planted and examined on our own trial grounds, while the crops themselves are being produced. Therefore, the stock we offer is **UNSURPASSED in quality**, and is far **SUPERIOR** to much that is offered by the **MANY ADVENTURERS IN THE SEED BUSINESS**, whose stock, of necessity, is picked up wherever it can be obtained cheapest, which fact precludes quality being to them a paramount consideration.

Our prices are as low as any Seeds of equal quality can be afforded. We again refer dealers to our motto, viz.: **THE BEST IS ALWAYS THE CHEAPEST**.

While we exercise the greatest care to supply every article true to name and of the very best quality, we wish it distinctly understood that the success of a crop is dependent upon so many contingencies, such as conditions of soil and climate, mode of planting, etc., that we cannot warrant our Seeds nor hold ourselves liable or responsible for any loss or damage arising from any failure thereof.

Proportionately higher prices will be charged for quantities less than $\frac{1}{4}$ lb. or $\frac{1}{4}$ bu. lots.

Where two qualities of any variety are quoted, the best will always be sent, unless specially otherwise ordered.

 Not bound by these prices for any definite time or quantity and subject to advance without notice.

TERMS CASH for orders for small amounts.

“ “ June 1, 1890, to regular customers, where orders amount to \$100, or a discount of one per cent. per month where payment is made before.

Field Peas, Clover, Hungarian, Millet, Timothy and all Grass Seeds, net cash, without any discount whatever.

CASH or satisfactory references must accompany orders from unknown correspondents.

Detroit, January 10th, 1890.

 For Telegraphic Cipher Code, see inside last Cover Page.

©—WHOLESALE PRICE LIST—©

OF

GARDEN AND AGRICULTURAL

SEEDS

OF THE

Best European and American Growths.




OFFERED BY


D. M. FERRY & Co.

—© SEEDSMEN ©—

DETROIT, - MICHIGAN.

 When Telegraphing please use our CODE—See inside page, last cover.

D. M. FERRY & CO'S WHOLESALE ❖ PRICE ❖ LIST.

 All varieties in heavy face type are of superior quality.

ARTICHOKE—

	Tel. Cipher.	Per Lb.
Large Globe.....	Accomack...	1 75

ASPARAGUS—

Conover's Colossal.....	Addison.....	20
Roots, two years old, per 1,000, \$6.00.....	Alachua.....	

BEANS, Dwarf—

		Per Bu.
Black Eyed Wax, <i>the earliest, beautiful white</i>		
<i>Pods.....</i>	Anoka.....	5 00
D. M. Ferry & Co's Detroit Wax, <i>rust proof.</i>	Allamakee...	5 00
Wardwell's Kidney Wax, <i>early and productive.</i>	Albany ...	3 75
D. M. Ferry & Co's Golden Wax.....	Alamance...	3 75
German Wax, Black Seeded.....	Amite.....	3 75
New Prolific German Wax, Black Seeded. See		
4th page of cover.....	Albemarle...	4 50
German Wax, White Seeded.....	Anne.....	4 25
Speckled Wax.....	Angelina...	12 00
Scarlet Flageolet Wax	Alpine.....	5 00
Violet Flageolet Wax, or Perfection Wax....	Alturas.....	5 00
Crystal White Wax.....	Alameda...	4 00
Date Wax, <i>hardest wax bean, valuable for</i>		
<i>shipping.....</i>	Alger.....	3 50
Early China Red Eye.....	Alexander...	2 50
Dwarf Horticultural, <i>very early.</i>	Andrew.....	3 00
Early Yellow Kidney, Six Weeks.....	Anson.....	2 50
Early Red Valentine.....	Allen.....	2 50
Early Red Valentine, Improved Round Pod....	Alpena.....	2 75
Early Mohawk.....	Allegan.....	2 50
Refugee, or Thousand to One.....	Apache.....	2 50
Galega	Arenac.....	2 50
Royal Dwarf Kidney.....	Aroostook...	2 50
Large White Marrow, or Mountain.....	Appling.....	2 75
Early Marrow Pea, or Dwarf White Navy....	Ashley.....	2 50
Prolific Tree Bean.....	Ashmore ...	3 25

BEANS, Pole or Running—

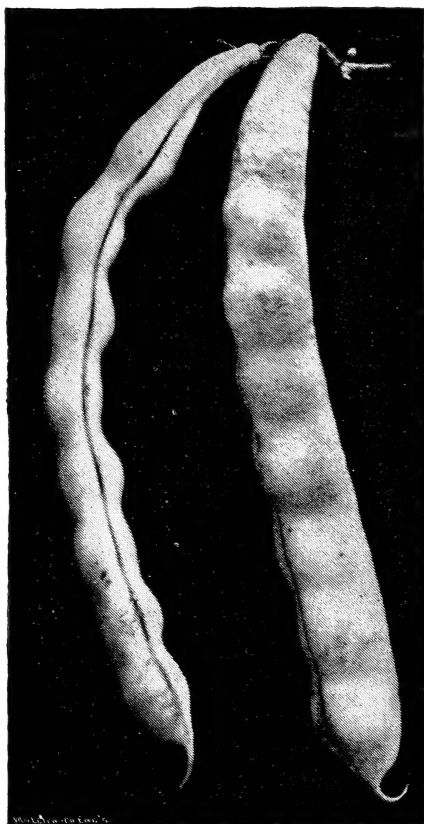
Tel. Cipher. Per Bu.

White Crease Back, *very early and productive*. Augusta. 4 50**Rhode Island Crease Back, *splendid for green****shelled beans.*..... Austin. 4 50

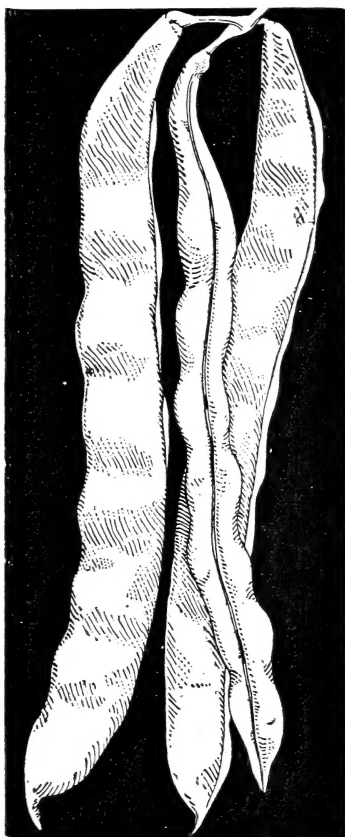
London Horticultural..... Aurora..... 4 00

Early Golden Cluster Wax...... Andrain..... 6 50

Dutch Case Knife..... Attala..... 3 75

Indian Chief, or Tall Black Wax...... Banks..... 5 00**Southern Prolific, *true*.**..... Baldwin..... 4 50**Giant Red Wax, *large, handsome, fleshy wax****Pods.*..... Barrow..... 6 00**Red Speckled Cut Short, or Corn Hill.**..... Barton..... 6 00

EARLY GOLDEN CLUSTER WAX.



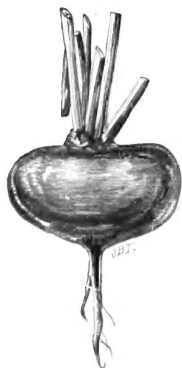
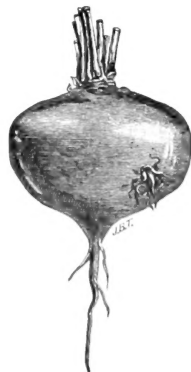
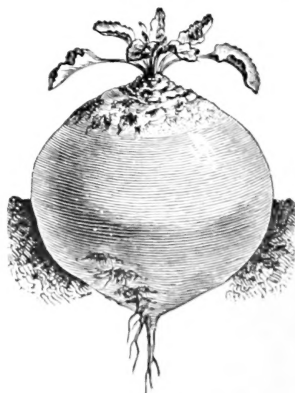
GIANT RED WAX.

BEANS, Pole or Running—Continued—

	Tel. Cipher.	Per Bu.
Kentucky Wonder.....	Bandera.....	6 50
Early Jersey Lima, <i>very early and desirable</i>	Barnes.....	6 00
Small White Lima, Carolina, or Sieva.....	Bailey.....	5 50
Dreer's Improved Lima.....	Ballard.....	5 50
Challenger Lima, <i>new, very productive</i>	Baraga.....	6 00
Large White Lima.....	Baker.....	5 00
White Runner.....	Bates.....	5 00
Scarlet Runner.....	Barry.....	5 00

BEET—

		Per Lb.
Early Egyptian Blood Turnip, <i>finest stock, scarce</i>	Bath.....	25
Early Eclipse, <i>choicest stock, scarce</i>	Bay.....	30
Early Blood Turnip, <i>improved</i>	Beaver.....	20
Dewing's Early Blood Turnip.....	Bedford.....	20
Bastian's Early Blood Turnip.....	Baxter.....	20
Early Turnip Bassano, <i>true</i>	Baylor.....	20
D. M. Ferry & Co's New Half Long Blood.....	Beaufort.....	50
Long Dark Blood, <i>improved</i>	Benton.....	20
Swiss Chard, or Sea Kale Beet.....	Bond.....	25
French White Sugar, Green Top.....	Berks.....	15
French White Sugar, Red Top, <i>best for cattle</i>	Berrien.....	15
French Yellow Sugar.....	Benzie.....	25
Lane's Imperial Sugar.....	Bertie.....	18
Vilmorin's Improved Imperial Sugar.....	Bexar.....	20
Long Red Mangel Wurzel.....	Bibb.....	15

EARLY EGYPTIAN BLOOD
TURNIP.IMPROVED EARLY BLOOD
TURNIP.

YELLOW GLOBE MANGEL WURZEL.

BEET—Continued.

Tel. Cipher. Per Lb.

D. M. Ferry & Co's Improved Mammoth Long

Red Mangel Wurzel, Per 100 lbs., \$15.00.	Bladen.....	20
Norbitan Giant Long Red Mangel Wurzel.....	Blair.....	18
Yellow Globe Mangel Wurzel	Blanco.....	15
Carter's Warden Prize Yellow Globe Mangel		
Wurzel	Bland.....	18
Yellow Leviathan Mangel Wurzel	Blaine.....	30
Yellow Ovoid Mangel Wurzel.....	Bledsoe.....	15
Golden Tankard Mangel Wurzel.....	Blount.....	20
Red Globe Mangel Wurzel.....	Boise.....	15

BROCOLI—

Early Purple Cape.....	Boone.....	1 75
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BRUSSELS SPROUTS—

Best Imported.....	Bowie.....	75
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CABBAGE—**EXTRA EARLY EXPRESS**

FIRST EARLY SORTS.

**EARLY JERSEY WAKEFIELD.****Extra Early Express, the earliest Cabbage yet**

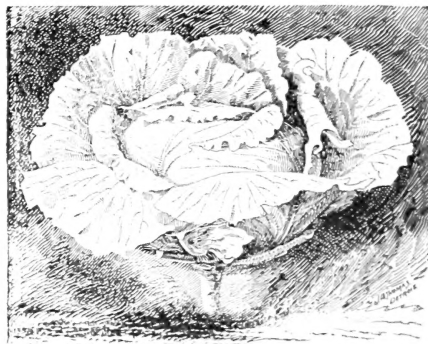
<i>produced</i>	Boyle.....	2 00
Early Jersey Wakefield, best American seed...	Broome.....	1 50
Early Jersey Wakefield, true, good stock.....	Brown.....	90
Very Early Etampes.....	Brooks.....	75
Early York.....	Brazos.....	60
Early Large York.....	Bremer.....	60
Henderson's Early Summer, true, finest stock..	Brule....	1 25
Early Dwarf Flat Dutch.....	Bucks.....	1 25
Early Winnigstadt, true	Burke.....	75
German Filderkraut.....	Burnet.....	1 50

CABBAGE—Continued.

	Tel. Cipher.	Per Lb.
All Seasons, very desirable, reliable in heading. Buchanan	...	1 50
Fottler's Early Drumhead or Brunswick Short		
Stem, true American	Caddo	1 25
Fottler's Early Drumhead, or Brunswick Short		
Stem, best French	Caldwell	75
Early Drumhead	Burt	1 00
Early Large Schweinfurt	Calhoun	1 50
Early Deep Red Erfurt	Calumet	1 25



MAMMOTH ROCK RED.



ALL SEASONS.

LATE, OR AUTUMN AND WINTER SORTS.

Mammoth Rock Red. This is by far the *largest and surest heading* Red Cabbage ever introduced. Ninety-eight per cent. of the plants will form extra fine heads, as large as Flat Dutch, as solid as Winnigstadt and of the deepest blood red color. Decidedly the best of the Red Cabbages.

	Cambria	6 00
Large Red Drumhead, for pickling	Camden	1 00
Chase's Excelsior	Carrol	1 75
Stone Mason Marblehead	Camp	1 00
Louisville Drumhead	Cass	1 25
Late Flat Dutch, best French	Cannon	60
Late Flat Dutch, American	Carbon	80
D. M. Ferry & Co's Premium Flat Dutch	Carlton	1 00
Large Drumhead, best French	Caroline	60
Large Drumhead, American	Carson	80
D. M. Ferry & Co's Premium Drumhead	Carver	1 00
Marblehead Mammoth Drumhead	Casey	1 25
Green Glazed	Cayuga	1 25
Savoy, Dwarf Ulm	Chaffee	75

CABBAGE—Continued.

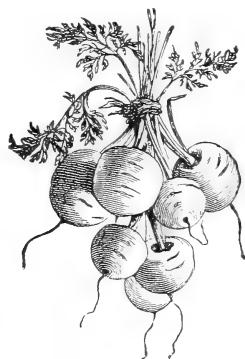
	Tel. Cipher.	Per Lb.
Savoy, Green Globe.....	Chambers....	75
Savoy, Improved American.....	Chariton....	1 00
Savoy, Drumhead.....	Charlotte....	75

CARROT—

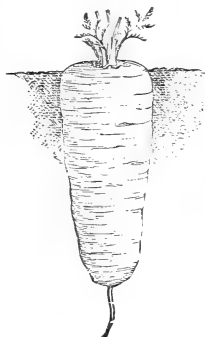
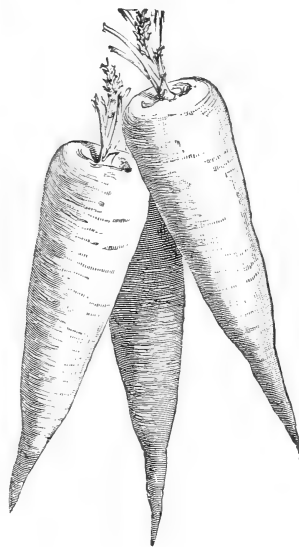
Earliest Short Horn, <i>for forcing</i>	Chase.....	50
Early Scarlet Horn.....	Chattooga....	45
Early Half Long Scarlet Carentan, <i>coreless</i>	Chautauqua....	50
Half Long Scarlet Nantes, Stump Rooted.....	Cheshire.....	40
Chantenay, <i>new, stump-rooted, very productive</i>	Cherokee....	45
Early Half Long Scarlet, Stump Rooted.....	Chemung.....	40
Danvers.....	Chehalis.....	40
Guerande, or Ox Heart.....	Chicot.....	50
Long Orange, <i>improved, best stock</i>	Chisago.....	35



CHANTENAY.



EARLIEST SHORT HORN

EARLY HALF LONG SCARLET,
STUMP ROOTED.

IMPROVED LONG ORANGE.

CARROT—Continued.

	Tel. Cipher.	Per Lb.
Long Orange.....	Chittenden..	30
Large White Vosges.....	Chilton.....	30
Large White Belgian.....	Choctaw.....	22

CAULIFLOWER—

	Tel. Cipher.	Per Oz.	Per Lb.
Ferry's Early Puritan, <i>novelty, the earliest, dwarfest and surest heading in cultivation. The best for forcing.</i>	Clare.....	2 50	30 00
Early Snowball, <i>true. Our stock is unsurpassed.</i>	Clallam.....	2 00	25 00
Extra Early Dwarf Erfurt, <i>finest strain.</i>	Claiborne..	1 75	20 00



We have given a great deal of attention to the matter of securing an extra early, *sure heading*, large white Cauliflower, and think we have in our Puritan by far the best forcing and extra early variety in cultivation. Among all that we have grown, we have not found a single plant which did not produce a large fine head.

Compared with other first early sorts, the crop from Puritan is mostly in the market before we commence to cut heads from the others, while for density, evenness and purity of color, the heads are fully equal to the best of them. Per oz., \$2 50; per lb., \$30 00.

CAULIFLOWER—Continued.

	Tel. Cipher.	Per Oz.	Per Lb.
Extra Early Paris.....	Clatsop.....	50	5 00
Early Erfurt.....	Chowan.....	1 00	10 00
Early London.....	Clarion.....	30	3 00
Early Paris, or Nonpareil.....	Clarke.....	45	4 50
LeNormand's Short Stem, <i>true</i>	Clayton.....	75	7 50
Large Algiers	Cleveland. .	65	6 50
Veitch's Autumn Giant.....	Cloud.....	40	4 00

CELERY—**Golden Yellow Large
Solid Celery.**

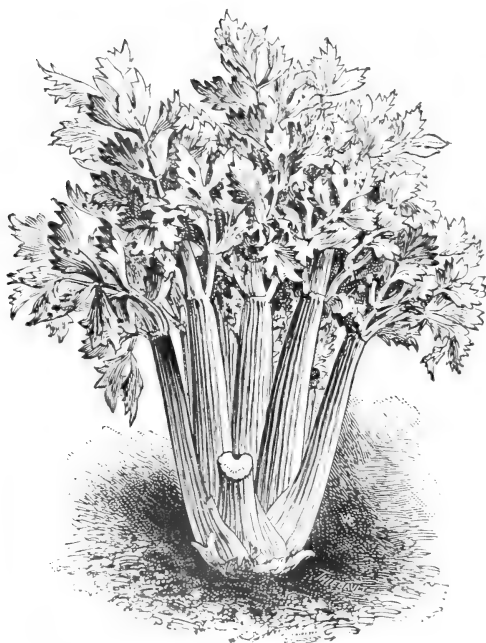
This is sometimes quoted as "Golden Self Blanching," and it is quite as self blanching as White Plume or any other kind. The entire plant is yellowish-green. As it approaches maturity the inner stems and leaves become a beautiful yellow, adding much to its beauty. It attains good size, and when well grown and blanched is the handsomest and choicest Celery in the market.

Per Lb., \$3.00.



GOLDEN YELLOW LARGE SOLID.

Golden Yellow, Large Solid, <i>self blanching</i>	Cobb.....	3 00
White Plume.....	Cochise.....	2 00
Perfection Heartwell.....	Cochran.....	75
Golden Heart, or Golden Dwarf.....	Cooke.....	1 00



GIANT PASCAL.

GIANT PASCAL CELERY.

NEW, DISTINCT, INCOMPARABLY
THE BEST.

A Marked and Valuable Improvement, developed from the Golden Yellow Large Solid. It retains the Beautiful Color, the Thick, Solid, Crisp Stalks and the Incomparable Flavor of that variety, and in addition is much stronger growing and larger. It produces Perfectly Blanched Stalks over Two Feet in Length and proportionately thick, yet never in the least stringy. It is unequaled for Rich, Nutty Flavor. It blanches early and VERY EASILY. It is a Fine Keeper and decidedly the Best Shipper, retaining color and fresh appearance longer than any other. We believe this to be the Best All Round Celery in Existence, and hope all our customers will give it a trial. Order early as our stock is limited.

Per Lb., \$9.00.

CELERY—Continued.

	Tel. Cipher.	Per Lb.
Giant Pascal.....	Coahoma....	9 00
Dwarf White Solid.....	Cole.....	75
Crawford's Half Dwarf.....	Colbert.....	1 00
Boston Market.....	Collin.....	1 00
Seymour's White Solid.....	Colquitt.....	75
Incomparable Dwarf Crimson.....	Colusa....	1 00
Celeraic, or Turnip Rooted.....	Concho.....	50
Celeraic, Large Smooth Prague.....	Concordia... 1	25
Celery Seed, for flavoring.....	Conejos..	15

CHERVIL—

Curled.....	Comanche...	50
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CHICORY—

Large Rooted, or Coffee.....	Conway.....	40
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COLLARDS—

Georgia Southern, or Creole, selected stock....	Coos.....	60
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CORN—CAUTION.—Sweet Corn in bulk, even after being thoroughly cured, will often gather moisture and spoil, particularly if it has been exposed to a low temperature. To prevent this it should be taken out of the bags as soon as received and spread in a dry place. Our quotations are per measured bushel, shelled. D. M. F. & Co

SWEET OR SUGAR VARIETIES.

	Tel. Cipher.	Per Bu.
Cory, the earliest sort in cultivation	Copiah	2 50
Extra Early Marblehead	Costilla	2 25
Pee & Kay, very early, with large ears	Coshocton	2 00
Early Minnesota, very early	Cottle	2 00
Leet's Early, large and early	Cuming	2 25
Early Southern Sweet. Splendid shipper	Columbia	2 50
Early Red Naragansett	Creek	2 00
Perry's Hybrid	Crenshaw	2 50
Crosby's Early	Crook	2 00
Early Sweet, or Sugar	Curry	2 00
Moore's Early Concord	Custer	2 25
Black Mexican	Craig	2 50
Excelsior	Cowlitz	2 25
Triumph	Craven	2 00
Egyptian	Dade	2 25
Old Colony, very large ears of the best quality ..	Dawson	2 50
Mammoth	Dallas	2 25
Stowell's Evergreen	Dane	2 00
Hickox Hybrid	Cuyahoga	2 00
Ne Plus Ultra	Dare	2 50

FIELD VARIETIES.

Extra Early Adams	Dale	2 00
Early Adams, or Burlington	Darke	1 75
Early Red Blazed, the hardiest	Dixon	1 50
Early Golden Dent, or Pride of the North	Dickens	1 50
Early Golden Lenawee Dent	Dimmit	1 75
Early Yellow Hathaway Dent	Dickey	1 50
Red Cob Ensilage (White Dent)	Dickinson ...	1 10
Sheep's Tooth Ensilage (White Dent)	Dinwiddie ...	1 10
Rice, for parching, (bushel lots in ears)	Donley	1 00

CORN, BROOM—

Dwarf Evergreen	Douglas	3 50
Improved Evergreen	Dubois	3 00

CORN SALAD, or Feticus—

	Per Lb.
Large Seeded, Large Leaved	Dundy 60

CRESS—

	Tel. Cipher.	Per Lb.
Curled, or Peppergrass.	Dunn.	20
True Water.	Duplin.	2 00

CUCUMBER—

Early Russian.	Duval.	35
Early Cluster.	Edwards.	30
Early Short Green, or Early Frame.	Edgar.	30
Chicago, or Westernfield Pickling, <i>one of the best</i>	Effingham.	35
Jersey Pickling.	Emery.	35
D. M. Ferry & Co.'s Perfection Pickling.	Erie.	1 00
Boston Pickling, or Green Prolific.	Encinal.	35
Nichol's Medium Green.	Erath.	35
Early White Spine.	Eaton.	30
Arlington.	Echols.	35
Bismarck, Long, light green.	Elbert.	35
Improved Long Green.	Elke.	35
Long Green.	Ellis.	30
Small Gherkin, <i>for pickles</i>	Estill.	60

EGG PLANT—

		Per Oz.	Per Lb.
Early Long Purple.	Eureka.	15	1 25
Black Pekin, <i>extra early and very large</i>	Falls.	30	3 00
Large New York Purple.	Faulk.	40	4 00
D. M. Ferry & Co's Improved Purple, <i>extra large</i>	Fayette.	45	4 50

ENDIVE—

Green Curled.	Fisher.	75
Ever White Curled.	Florence.	1 25
Broad Leaved Batavian.	Floyd.	1 00

GARLIC Bulbs.	Foot.	20
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GOURD—

Sugar Trough.	Forsyth.	1 00
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HORSE RADISH, Small Roots, per 100, 75c.	Foster.	
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KALE, or Borecole—

German Dwarf Green, Extra Curled.	Frontier.	50
German Dwarf Purple.	Fulton.	75
German Dwarf Green, or German Greens.	Frio.	35
Half Dwarf Moss Curled.	Furnas.	75
Tall Green Curled Scotch.	Fresno.	50

KOHL RABI—

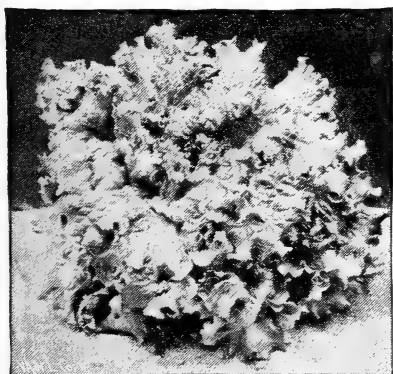
	Tel. Cipher.	Per Lb.
Early White Vienna, <i>earliest, for forcing</i>	Gaines.....	1 00
Early Purple Vienna, <i>earliest, for forcing</i>	Garland.....	1 25
Large Green.....	Gallia.....	75

LEEK—

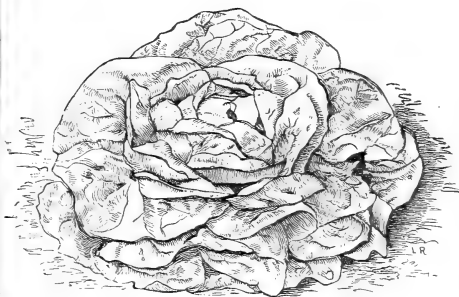
London Flag	Garza.....	50
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LETTUCE—

Early Tennis Ball, <i>black seeded</i>	Gaston.....	50
Black Seeded Simpson	Geneva.....	60
Buttercup, <i>early handsome head Lettuce of extra quality</i>	Gates.....	60
Simpson's Early Curled	Genesee.....	50
Hubbard's Market, <i>valuable for forcing</i>	Goodhue.....	60
Early Boston Curled.....	Gibson.....	50
Ferry's Early Prize Head, <i>best for family use</i>	Gingras.....	60
Hanson.....	Glynn.....	50
Early Curled Silesia.....	Grove.....	50
Grand Rapids	Grant.....	2 00
Frankfort Head.....	Gosper.....	50
Large Drumhead, or Victoria Cabbage.....	Gove.....	50
Philadelphia Butter, or Early White Head.....	Gilmer.....	50



GRAND RAPIDS.



DEACON.

Deacon, <i>compact and of superb quality</i>	Gilpin.....	60
Brown Dutch, <i>very hardy</i>	Greeley.....	60
Green Fringed.....	Geauga.....	60
White Paris Cos.....	Greenup.....	60
Early White Self-Folding Cos. Per oz., 75c..	Grenada.....	

MARTYNIA—

	Tel. Cipher.	Per Lb.
Pickling.....	Gregg.....	2 00

MELON, MUSK—

Jenny Lind.....	Hamilton....	30
Extra Early Citron.....	Hamlin.....	30
Baltimore, or Acme, <i>earliest first-class Melon</i> ..	Hardy.....	30
Skillman's Fine Netted.....	Hampton....	30
Small Green Nutmeg.....	Hardin.....	30
Early White Japan.....	Hardeman....	30
Improved Cantaloupe, <i>green fleshed</i>	Harford.....	30
Improved Large Green Nutmeg.....	Harlan.....	35
Pine Apple.....	Harper.....	30
Hackensack, <i>early and of large size</i>	Harris.....	35
Montreal, <i>true, very large and desirable</i>	Harnett.....	35
Bay View.....	Grundy.....	30
Osage.....	Gwinnett....	1 50



OSAGE.—A Popular Market Melon of Superb Quality.

MELON, MUSK—Continued.

	Tel. Cipher.	Per Lb.
Casaba, or Green Persian.....	Hart	30
Emerald Gem	Guthrie.	50
Surprise, our stock is unequaled	Grimes.....	35
Japan Coral Fleshed	Gunnison....	45
Long Yellow.....	Hawkins.....	35

MELON, WATER—

Phinney's Early.....	Hendricks...	30
D. M. Ferry & Co's Peerless, best for home market	Hill.....	40
Boss	Hemphill....	30
Black Spanish.....	Henrico.....	25
Gypsy, or Georgia Rattlesnake	Hinds.....	30
Cuban Queen.....	Hays	30
Kolb's Gem	Haywood....	35
Mammoth Iron Clad	Hitchcock...	30
Dark Icing or Ice Rind, <i>deep colored flesh, fine quality</i>	Highland....	30
Long Light Icing.....	Hickory.....	30
Round Light Icing, <i>very fine quality</i>	Hillsdale....	30
Mountain Sweet.....	Hernando....	25
Mountain Sprout.....	Hertford....	30
Orange (<i>flesh separates easily from rind</i>)	Hickman....	75
Ice Cream, <i>true white seeded</i>	Hidalgo.....	30
Citron, <i>for preserving</i>	Hinsdale....	30

MUSHROOM SPAWN—

English.....	Hocking.....	10
French, 3lb. boxes, \$1.00.....	Hockley.....	

MUSTARD—

Golden, novelty, of fine flavor and very beautiful	Holt.....	60
White English.....	Holmes.....	15
Southern Giant Curled	Hood.....	50

NASTURTIUM—

Tall Mixed.....	Holly.....	50
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OKRA—

White Velvet, new, the best	Houghton...	50
Dwarf White.....	Houston....	25

ONION—*All prime new stock, and mostly our own growth, on our own Greenfield Seed Farms.* Tel: Cipher. Per Lb.

Extra Early Red, <i>extra, our own growth</i>	Howell.....	1 00
Southport Red Globe, <i>extra, our own growth</i> ..	Humbolt....	1 00
Large Red Wethersfield	Huron.....	85
Large Red Wethersfield, <i>extra, our own growth</i> .	Hyde.....	90
Large Yellow Dutch, or Strasburg.....	Ida.....	60
Yellow Danvers.....	Iberia.....	60
Yellow Globe Danvers	Idaho.....	65
Yellow Globe Danvers, <i>extra, our own growth</i> .	Ingham..	75
Michigan Yellow Globe, <i>our own growth. The most globular and productive Yellow Globe Onion in cultivation</i>	Inyo.....	1 00



MICHIGAN YELLOW GLOBE.

ONION—Continued.

	Tel. Cipher.	Per Lb.
White Portugal (<i>American Silverskin</i>).....	Iosco.....	1 50
Philadelphia Silverskin.....	Iowa.....	1 50
White Globe.....	Iredell.....	1 50
El Paso, or Large Mexican.....	Iroquois.....	2 50

IMPORTED VARIETIES.

Round White Silverskin, <i>for pickling</i>	Isabella.....	1 50
White Silverskin, <i>for bunching</i>	Island.....	90
Early Neapolitan Marzajola.....	Itasca.....	1 00
Mammoth Silver King.....	Iberville.....	1 50
Giant Rocca.....	Isanti.....	85
Giant White Italian Tripoli.....	Izard.....	1 00
Queen, <i>true</i>	Jackson.....	1 25
Bermuda Island Pale Red.....	Jasper.....	1 25
Bermuda Island White.....	Jones.....	2 00

PARSLEY—

Plain.....	Juab.....	25
Carter's Fern Leaved.....	Kanawha.....	45
Champion Moss Curled.....	Kankakee.....	45
Fine Triple Curled, or Myatt's Garnishing...	Karnes.....	35
Turnip Rooted, or Hamburg.....	Kaufman.....	40

PARSNIP—

Long White Dutch or Sugar.....	Juniata.....	20
Hollow Crown, or Guernsey.....	Kalkaska.....	20

PEAS—*All smooth Peas, 60 lbs. per bu.; all wrinkled Peas, 56 lbs. per bu.*

*Wrinkled varieties marked thus **

EXTRA EARLY SORTS.

Per Bu.

Ferry's First and Best, <i>finest strain, extra selected</i>	Kearney.....	3 00
Ferry's First and Best, <i>good stock</i>	Kemper.....	2 50
D. M. Ferry & Co's Extra Early, <i>equal to any sealed stock</i>	Kenton.....	2 75
Improved Early Daniel O'Rourke.....	Kerns.....	2 75
Extra Early Philadelphia.....	Kidder.....	2 50
*Bliss' American Wonder, <i>true</i>	Kenosha.....	4 50
Earliest of All, <i>the finest blue extra early Pea in cultivation, superior to the best samples of Alaska</i>	Kewaunee.....	3 25

PEAS—Continued.

Tel. Cipher. Per Bu.

McBeth's Pride, *an improvement on Kentish Invicta, very early and productive, very desirable for canning, and fully equal, if not superior, to Alaska, in sealed bags, or otherwise*.....

Kickapoo ... 2 75

Kentish Invicta, *true*.....Kinney..... 2 75

*Laxton's Alpha.....Kimble..... 2 75

Ferry's Extra Early Tom Thumb.....Kiowa..... 4 00

Blue Peter, or Blue Tom Thumb.....Knox..... 3 75

EARLY SORTS.

*McLean's Little Gem.....Kossuth..... 3 50

*Premium Gem.....Labette..... 3 50

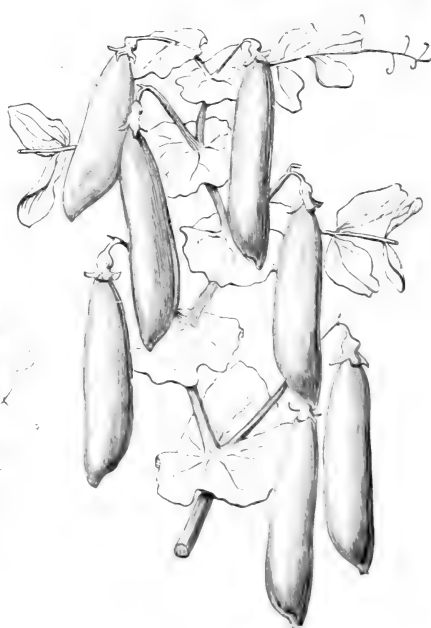
*Bliss' Everbearing.....Laclede..... 3 50

Extra Early Kent, *true*.....Lamoille ... 2 25

*McLean's Advancer, *choice*.....Laurel... 3 00



TELEPHONE.



STRATAGEM.

*Telephone.....Lamar..... 5 00

*Telegraph.....Lander..... 5 00

*Bliss' Abundance.....Lavaca..... 3 50

PEAS—Continued.

	LATE SORTS.	Tel. Cipher.	Per Bu.
*Yorkshire Hero.....		Laurens.....	3 00
*Champion of England, <i>choice</i>		Lehigh.....	2 75
*Stratagem.....		Lenawee.....	4 50
*Pride of the Market.....		Lenoir.....	4 00
Large Blue Imperial, <i>choice</i>		Leon.....	2 50
Large White Marrowfat, <i>hand-picked</i>		Lewis.....	1 75
Large White Marrowfat.....		Liberty.....	1 50
Large Black Eye Marrowfat, <i>hand-picked</i>		Licking.....	1 75
Large Black Eye Marrowfat.....		Lincoln.....	1 50
Dwarf Sugar, Edible Pods, <i>gray seeds</i>		Linn.....	4 50
Tall Sugar, Edible Pods, <i>gray seeds</i>		Leano.....	5 00

FIELD SORTS.

		Market Price.
Common White.....	Lucas.....	"
No. 1 White.....	Macon.....	"
Golden Vine.....	Macomb.....	"
Common Blue.....	Lynn.....	"
Blue Prussian.....	Magoffin.....	"

PEPPER—

		Per Lb.
Red Chili.....	Mahaska.....	2 00
Yellow Chili.....	Mahoning.....	2 50
Cardinal.....	Malheur.....	8 00
Long Red Cayenne.....	Manatee.....	1 75
Large Squash.....	Maricopa.....	1 75
Large Bell, or Bull Nose.....	Marion.....	1 75
Sweet Mountain.....	Mariposa.....	1 75
Golden Dawn.....	Marquette.....	1 75

PUMPKIN—

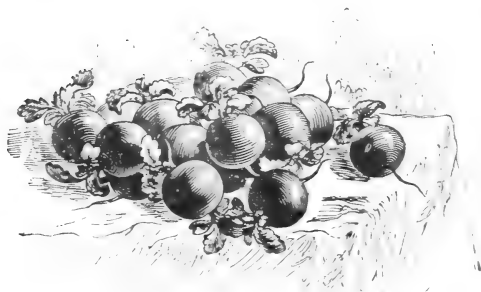
Large Yellow.... Per Bu., \$2.00.....	Mobile.....	15
Cushaw.....	Mohave.....	35
Sweet Cheese, or Kentucky Field.....	Mono.....	30

RADISH—All our Radish Seeds are the very finest French grown stocks.

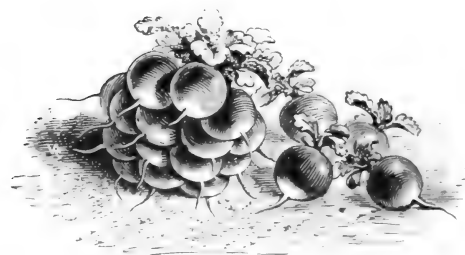
Non Plus Ultra, or Early Deep Scarlet Turnip, Forcing, the earliest, fine for forcing.	Moody.....	60
Early Scarlet, Turnip Rooted.....	Mora.....	25
Early Scarlet Turnip, White Tipped, Forcing.....	Moore.....	50
Early Scarlet Turnip, White Tipped.....	Morgan.....	30
Early Round Deep Scarlet.....	Montour.....	30

RADISH—Continued.

	Tel. Cipher.	Per Lb.
Early Scarlet Globe.....	Montrose....	30
Early White, Turnip Rooted.....	Morrow.. ..	30
Early Deep Scarlet, Olive Shaped, Short Leaf, <i>splendid for forcing</i>	Motley.....	40
Early Scarlet, Olive Shaped.....	Nance.. ..	30
Early White, Olive Shaped.....	Napa.. ..	30
French Breakfast.....	Nassau	30
Early Long Scarlet, Short Top, <i>improved</i>	Monona..	25
Wood's Early Frame	Montague....	30



NON PLUS ULTRA, OR EARLY DEEP SCARLET
TURNIP, FORCING.



EARLY SCARLET TURNIP, WHITE TIPPED, FORCING.



IMPROVED CHARTIER.

Improved Chartier.....	Montealm....	30
Long White Vienna, or Lady Finger.....	Morehouse ..	40
Long White Naples.....	Nelson.....	35
Early White Giant Stuttgart.....	Nemaha.....	35
White Strasburg.....	Navajo.....	40

RADISH—Continued.

	Tel. Cipher.	Per Lb.
Large White Summer Turnip.....	Navarro.....	35
Golden Globe	Morton.....	30
Gray Summer, Turnip Rooted	Murray.....	30

WINTER VARIETIES.

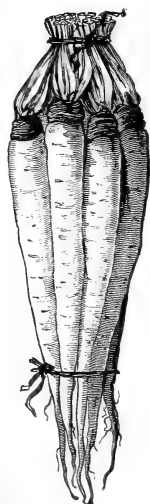
Scarlet China	Neshoba.....	40
California Mammoth White China.....	Niagara.....	40
Large White Spanish.....	Newton.....	35
Round Black Spanish.....	Ness.....	30
Long Black Spanish	Newport.....	30
Long Gray Laon.....	Nicholas.....	40

RAPE—

Dwarf Essex, for sowing.....	Nobles.....	15
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RHUBARB, or Pie Plant—

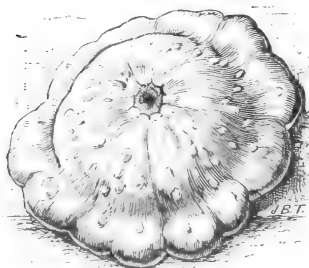
Victoria.....	Nodaway.....	1 00
Giant	Norton.....	1 00
Linnaeus.....	Noxubee.....	1 00
Rhubarb Roots.....	Per doz., \$1.50..	Nueces.....

**SALSIFY,****LONG STANDING PRICKLY SPINAGE.****SALSIFY, or Vegetable Oyster.**

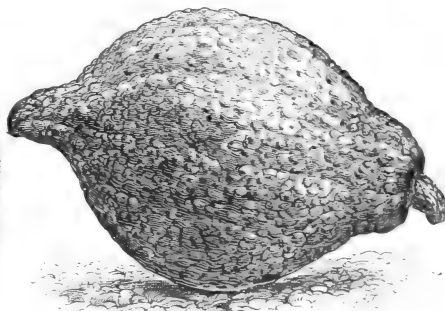
Large White.....	Oakland.....	1 00
Mammoth Sandwich Island.....	Obion.....	1 25

SPINAGE—

	Tel. Cipher.	Per Lb.
Savoy Leaved.....	Oeonto	12
Round Summer.....	Ocean	10
Improved Thick Leaved.....	Oconee	12
Long Standing, <i>dark green, thick leaved</i>	Ogemaw	12
Prickly Winter.....	Ogle	10
Long Standing Prickly, <i>new, very superior</i>	Ohio	15

SQUASH, Summer—

EARLY WHITE BUSH SCALLOP.



HUBBARD.

Early Yellow Bush Scallop.....	Olmstead	30
Early White Bush Scallop.....	Oneida	30
Summer Crookneck.....	Onslow	30
Perfect Gem.....	Oldham	40

AUTUMN OR WINTER SORTS.

Early Prolific Orange Marrow, <i>new</i>	Oliver	40
Improved American Turban (Essex Hybrid) ..	Ontario	35
Boston Marrow, <i>our own extra select stock; unsurpassed</i>	Oscoda	30
Hubbard, <i>our own extra select stock; unsurpassed</i>	Otoc	30
Butman	Osborne	35
Marblehead.....	Ormsby	35
Winter Crookneck.....	Oswego	30

SUGAR CANE—

Early Amber.....	\$3.00 per bu. of 50 lbs.	Otsego	10
Early Orange.....	\$3.00 per bu. of 50 lbs.	Otter	10

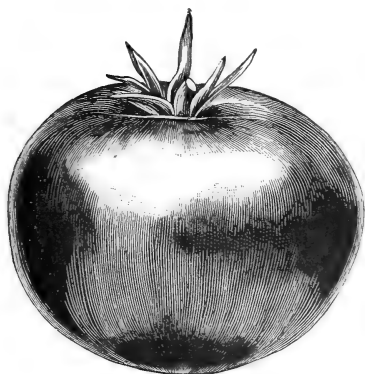
SUNFLOWER—

Large Russian.....	\$2.50 per bu.	Ottawa	15
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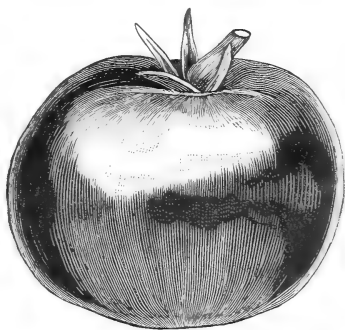
TOMATO—*Our strains of Tomato are all very even and pure; unexcelled by any.*

Early Red Apple, new, the best first early Tomato.....

Page..... 2 00



OPTIMUS.



ACME.

D. M. FERRY & CO'S OPTIMUS TOMATO.

A variety introduced by us, and, we believe, the best table tomato in existence. The vine is medium sized, vigorous and productive, bearing its fruit in clusters of five. Although not presented as a first early sort, many of our customers report that they have obtained ripe fruit from this as early as from any variety. The fruit is medium sized, oval, very smooth, and of exceedingly bright rich crimson-scarlet color; very free from cracks and rotting little. The flesh is of a crimson-scarlet color quite distinct from, and more beautiful than that of any other sort, and it is also the best in flavor and entirely free from the hard spots found in other large sorts. Per Lb., \$2.00.

D. M. Ferry & Co's Optimus. *The handsomest and best. Introduced by ourselves. Our own original selected stock.*.....

Pawnee	2 00
Early Conqueror	Pacific 1 25
Hundred Day, early, extra fine	Panola 1 25
Canada Victor	Perry 1 25
Livingston's Favorite	Palo 1 25

Yellow Plum.....	Pepin.....	1	75
Red Cherry.....	Phillips.....	1	75
Yellow Cherry.....	Pettis.....	1	75
Husk Tomato, or Ground Cherry.....	Piatt.....	2	50

TURNIP—WHITE FLESHED SORTS.

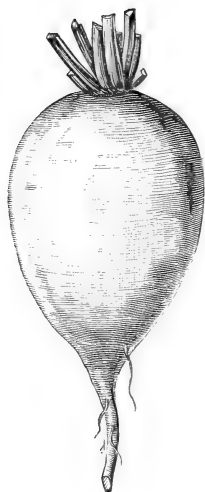
Extra Early Purple Top Milan, <i>very scarce</i> ...	Pinal.....	40
Early Purple Top Munich	Pope.....	25
White Egg	Portage.....	25
Early White Flat Dutch	Powell.....	18
Early White Flat Dutch, Strap Leaved	Powhatan....	20
Early Purple Top, Strap Leaved	Pratt.....	18
Early Purple Top, Strap Leaved, <i>improved</i>	Presidio....	20
Purple Top White Globe	Raleigh.....	20
Cow Horn or Long White	Preston....	25
Large White Flat Norfolk	Pulaski.....	18
Large Red Top Flat Norfolk	Putnam....	18
Pomeranean White Globe	Quitman....	18
Sweet German, <i>true</i>	Ramsey....	25
Seven Top, <i>for turnip greens</i>	Randall....	20

YELLOW FLESHED SORTS.

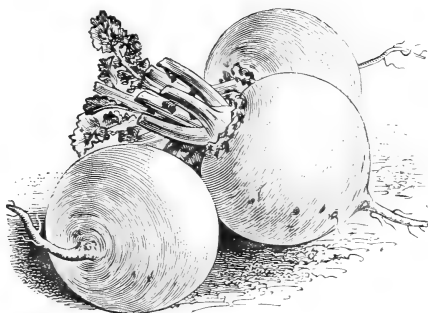
Early Yellow Montmagny	Ransom.....	25
Large Amber Globe	Renville....	25
Orange Jelly, or Robertson's Golden Ball	Rawlins....	20
Purple Top Yellow Aberdeen	Refugio....	20

RUTA BAGAS, OR SWEDES.

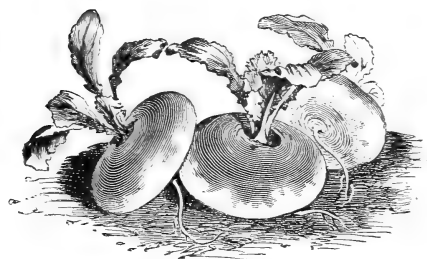
Yellow Swede, or Ruta Baga	Rhea.....	18
Carter's Imperial Purple Top Ruta Baga	Rich.....	18
D. M. Ferry & Co's Improved Purple Top Yellow Ruta Baga	Riley.....	20



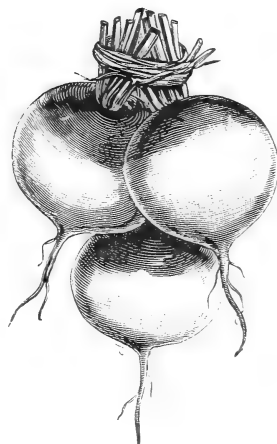
WHITE EGG.



ORANGE JELLY.



EXTRA EARLY PURPLE TOP MILAN.



PURPLE TOP WHITE GLOBE.

TURNIP—Continued.		RUTA BAGAS, OR SWEDES.		Tel. Cipher.	Per Lb.
Sutton's Champion Ruta Baga.....	Ringgold.....				20
Drummond's Ruta Baga.....	Russell.....				20
Shepherd's Golden Globe Ruta Baga.....	Rinehart.....				20
Bangholm Swede.....	Ritchie.....				18
Sweet Russian, or White Ruta Baga.....	Roone.....				20

SWEET HERBS—

Anise.....	Roberts.....	50
Balm.....	Robeson.....	2 00
Basil, Sweet.....	Rolette.....	1 00
Bene.....	Roop.....	75
Borage.....	Routt.....	75

SWEET HERBS—Continued.

	Tel. Cipher.	Per Lb.
Caraway, for Sowing.....	Rowan.....	40
Caraway, for Flavoring.....	Rush.....	25
Catnip.....	Rutland.....	3 00
Coriander, for Sowing.....	Saginaw.....	40
Coriander, for Flavoring.....	Salem.....	25
Dandelion, Improved Thick Leaved.....	Saline.....	3 00
Dill.....	Sampson.....	40
Fennel, Sweet.....	Sanilac.....	50
Horehound.....	Saratoga.....	1 50
Hyssop.....	Sarpy.....	1 25
Lavender.....	Saunders.....	1 00
Marjoram, Sweet.....	Schley.....	1 50
Rosemary.....	Scott.....	2 75
Rue.....	Screven.....	1 00
Saffron.....	Searcy.....	15
Sage, Broad Leaf.....	Seneca.....	75
Savory, Summer.....	Sevier.....	75
Tansy.....	Seward.....	2 00
Tarragon.....	Per oz, \$3.50.. Sharp.....	
Thyme, English.....	Shannon.....	2 50
Wormwood.....	Sharkey.....	1 50

FRUIT SEEDS—

Apple Seeds.....	Per bu., \$4.00.. Shasta.....	30
Cherry Stones, <i>mahaleb</i>	Shawnee.....	30
Cherry Stones, <i>mazzard</i>	Shelby.....	20
Peach Stones.....	Per bu., \$1.00.. Sheridan.....	
Pear Seed.....	Shenene.....	1 25
Plum Stones.....	Sierra.....	20
Quince Seed.....	Sioux.....	1 25

FOREST TREE AND HEDGE SEEDS—**EVERGREEN.**

Arbor Vitæ, American (<i>Thuja occidentalis</i>)....	Skamania.....	1 75
Fir, Silver (<i>Abies pectinata</i>).....	Socorro.....	75
Hemlock (<i>Tsuga Canadensis</i>).....	Solano.....	3 00
Pine, Scotch (<i>Pinus sylvestris</i>).....	Spink.....	1 00
Pine, Weymouth, or White (<i>Pinus strobus</i>)....	Spalding.....	1 75
Spruce, Norway (<i>Abies Excelsa</i>).....	Spokane.....	60

FOREST TREE AND HEDGE SEEDS—Continued. Tel Cipher. Per Lb.

DECIDUOUS.

Ash, White (<i>Fraxinus Americana</i>).....	Simpson.....	50
Ash, European (<i>Fraxinus Excelsior</i>).....	Siskiyou.....	50
Beech (<i>Fagus Americana</i>).....	Skagit.....	40
Birch, White (<i>Betula alba</i>).....	Snohomish...	60
Catalpa, Hardy (<i>Catalpa speciosa</i>).....	Sonoma.....	65
Larch (<i>Larix Europæa</i>).....	Somervell...	75
Linden, European (<i>Tilia Europæa</i>).....	Spencer.....	75
Locust, Honey (<i>Gleditschia triacanthos</i>).....	Sisseton.....	25
Locust, Yellow (<i>Robinia pseudo-acacia</i>).....	Snyder.....	25
Mulberry, White (<i>Morus alba</i>).....	Sperry.....	1 20
Mulberry, Russian.....	Spartanburg	2 00
Osage Orange (<i>Machura aurantiaca</i>), \$5.00 per bu. of 33 lbs.....	Stanley.....	30

BIRD SEEDS—

Canary.....	Stanton.....	04
Hemp.....	Starke.....	04
Rape.....	Stearns.....	04
Maw.....	Steele.....	15
Millet.....	Steuben.....	05
Lettuce.....	Stewart.....	15
Cuttle Bone.....	Stokes.....	30
Mixed Bird Seed.....	Storey.....	05

CLOVER—

Mammoth, or Large Red.....	Suffolk.....	Per Bu. Market Price.
Medium Red, or June.....	Sulley.....	"
Alsike, or Swedish.....	\$6.50 per bu. Sumter.....	Per Lb. 20
Bokhara Sweet Clover (<i>Melilotus alba</i>).....	Sussex.....	30
Crimson Trefoil, or Scarlet Italian.....	Surrey.....	20
White Dutch.....	\$7.50 per bu. Sutter.....	20
Lucerne, or Alfalfa.....	\$7.50 " Swain.....	20

GRASS SEEDS—

Timothy.....	Swift.....	Per Bu. Market Price.
Orchard Grass, (sack lots, about 8 bu., \$1.00 per bu).....	Talbot.....	1 25
Red Top (sack lots, about 5 bu., 60c per bu)...	Talladega...	75
Red Top, Fancy, <i>cleaned from chaff</i> , (per 100 lbs., \$9.00; per lb., 15c).....	Tallapoosa..	
Fowl Meadow, or False Red Top.....	Tama.....	3 00
Blue Grass, Kentucky, <i>extra clean</i> , (sack lots, about 8 bu., \$1.10 per bu).....	Taos.....	1 20

GRASS SEEDS—Continued.

	Tel. Cipher.	Per Bu.
Blue Grass, Kentucky, <i>fancy clean</i> , (sack lots, about 8 bu., \$1.20 per bu.).....	Tate	1 25
Johnson Grass.....	Tipton.....	3 00
Perennial Rye Grass, (sack lots, about 6 bu., \$1.00 per bu.).....	Taylor.....	1 25
Meadow Fescue, or English Blue Grass.....	Tazewell	2 25
Sweet Vernal Grass..... Per lb., 25c.....	Tensas.....	1 50
Hungarian Grass.....	Terrell.....	Market Price.
Millet, Common.....	Thayer.....	"
Millet, German.....	Tioga.....	"
Fine Mixed Lawn.....	Titus.....	2 50
Extra Fine Mixed, Central Park Mixture.....	Traile.....	3 50

MISCELLANEOUS SEEDS—

Barley, Common.....	Upson.....	1 25
Barley, Naked, or Hulless.....	Vigo.....	2 00
Rye, Fall or Winter.....	Wasco.....	80
Rye, Spring.....	Washington.....	1 25
Buckwheat, Common.....	Webb.....	1 00
Buckwheat, Silver Hull.....	Wharton.....	1 10



Buckwheat, Japanese, <i>new</i>	Whatecom.....	1 50
Flax Seed, for Sowing.....	Whitman.....	2 00
Hemp Seed, ".....	Wilkin.....	2 00
Spring Vetches, or Tares.....	Yuma.....	2 75
Wild Rice (<i>Zizania aquatica</i>).....	Yuba.....	3 00

HAND GARDEN IMPLEMENTS.

Our List is **COMPLETE**. It contains all the **Best Implements of all Makers**, and not a **Single Undesirable Tool**.

The "Planet Jr." Seed Drills and Cultivators.

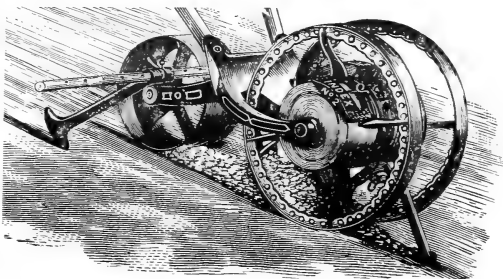
 **FOR PRICES SEE PAGE 30.**

This most complete line of Tools is very popular, and deservedly so. They are reliable and very accurate, do not get out of order, and have been remodeled or greatly improved for the coming season's work.

THE "PLANET JR." NO. 2 SEED DRILL.

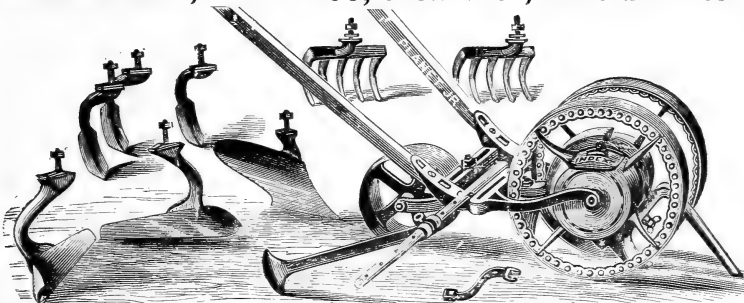
Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row all at one passage in the most perfect and reliable manner. It holds $2\frac{1}{2}$ quarts. It is remarkable for simplicity, strength and for ease and perfection of work in the field. No one having use for a Seed Drill can afford to buy any other. It is the best.

Truckers, market gardeners, onion growers and all who raise vegetables in quantity, should supply themselves also with the "Planet Jr." Double Wheel Hoe. (Described on page 30.)

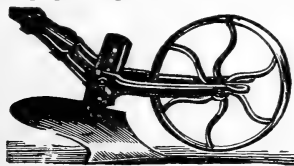


THE "PLANET JR."

Combined Drill, Wheel Hoe, Cultivator, Rake and Plow.



This tool is unrivaled in beauty of design, perfection of finish, convenience and capacity for work. It is suitable for either the farm or the garden. As a Seed Drill it is the same as the No. 2 (see description above), except in size. It holds one quart. For after care of the crop it is supplied with a pair of rakes, a pair of long hoes, three reversible cultivator teeth and a large garden plow. It is the best and most complete Combined Drill and Cultivator made.



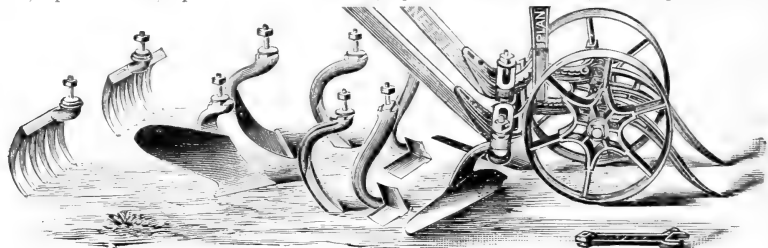
The 'Fire-Fly' Wheel Garden Plow

Makes the care of a vegetable garden a pleasure, and 10,000 families who could not find time to keep a garden, if attempting cultivation with the ordinary hand hoe, can raise their own vegetables successfully with the 'Fire-Fly.' It takes the place of the horse and plow, or cultivator, requiring no wide headlands to turn on, and is invaluable during all the gardening season.

THE "PLANET JR."

Double Wheel Hoe, Cultivator, Rake and Plow.

This very popular tool has been greatly simplified, strengthened and improved, and merits the thorough admiration of every practical gardener. Each tool is sent out with a pair of rakes, a pair of hoes, a pair of cultivator teeth, a pair of four-inch sweeps, and a pair of Plows.



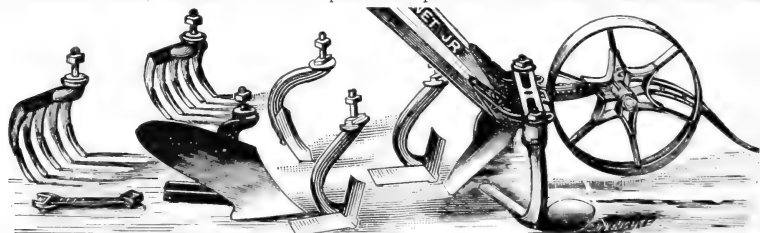
The wheels are adjustable in height, and the arch is 14 inches high. Leaf guards (detachable), go with each machine, to be used when plants extend into a wide row. This tool is light, very simple, made of the best material and highly finished, and nothing can exceed the perfection and variety of work it performs.

THE "PLANET JR." PLAIN DOUBLE WHEEL HOE.

To meet a demand from Onion Growers and others who want a Hoe only, we offer the Double Wheel Hoe, just described, supplied simply with one pair of long curved point hoes. This tool has the same adjustment of hoes and wheel as the above, and any or all of the other attachments may be added to this at any time, and will be found to fit.

"PLANET JR." SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

Great strength, easy running, simple combinations, and variety of attachments are striking features of this favorite for the season of 1890. The full equipment is shown in the cut. All the blades are steel, hardened in oil, tempered and polished. The wheel has an extra broad



face, and is readily raised and lowered, and can be attached at one side of the frame so that one can cultivate both sides of a row of small plants at one passage. For the home vegetable garden its work is exactly what is needed for the easy cultivation of crops without the aid of a horse. Its lightness, strength and simplicity recommend it to all who examine it.

The "Fire-Flv" Single Wheel Hoe, Cultivator and Plow.

This popular implement has also been completely remodeled, and is greatly increased in strength and simplicity. The adjustment for depth is perfect, and, for the first time, it has been arranged to hoe both sides of a row at one passage, by attaching the wheel to one side of the main frame. It is similar in all respects to the "Planet Jr." Single Wheel Hoe just described, and does the same variety of work, *excepting it is not supplied with the new Rakes and Leaf Guard.*

PRICES OF "PLANET JR." GOODS, Packed or Boxed ready for Shipment, and Delivered at Express Office or Depot.

	TEL. CIPHER.
"Planet Jr." No. 2 Drill.....	Windham... \$6 75
" Combined Drill, Wheel Hoe, Cultivator, etc.....	Winn..... 9 00
" Double Wheel Hoe, Cultivator, etc.....	Winston..... 6 00
" Plain Double Wheel Hoe.....	Wise..... 3 50
" Single Wheel Hoe.....	Wirt..... 4 50
"Fire-Flv" Single Wheel Hoe, Cultivator and Plow.....	Woodson... 3 75
"Fire-Flv" Wheel Garden Plow.....	Worth..... 2 00

Matthews' Garden Seed Drills and Cultivators.

MATTHEWS' GARDEN SEED DRILL.

We know of no hand Garden Drill, for sowing vegetable seeds, etc. which has met with more popularity than the Matthews' Garden Seed Drill among market gardeners everywhere.

It is designed for use in field and garden. When in operation it opens the furrow, drops the seed accurately at the desired depth, covers it and lightly rolls the earth down over it, and at the same time, marks the next row.

A valuable feature in this Drill is its patent INDICATOR, with names of different seeds on it, for adjusting the Drill to sow different kinds of seed, which is done by simply turning the Indicator until the name of the seed you want to sow comes to the top. No other drill is furnished with this ingenious device.

The drill is made of the best material throughout, and is complete in all its arrangements. **Price, boxed and delivered at Depot or Express Office, \$8.00.** (Tel. Cipher, Yates.)



MATTHEWS' IMPROVED DRILL AND CULTIVATOR COMBINED.

This machine is very efficient, either as a Drill or a Cultivator, and will be found to be adapted to any kind of soil. As a drill it possesses all the features of the Matthews' Garden Seed Drill of a smaller size. The Cultivator attachment has a set of teeth of an improved pattern, with STEEL BLADES of the best quality. **Price, boxed and delivered at Depot or Express Office, \$9.50.** (Tel. Cipher, Yazoo.)

Hoes with long Steel Blades, for use in exchange with the cultivator teeth. **Price per pair, complete, delivered at Depot or Express Office, \$1.25.** (Tel. Cipher, Yankton.)



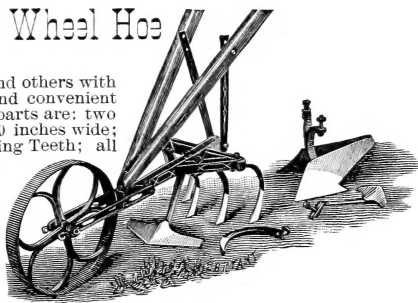
MATTHEWS' IMPROVED HAND CULTIVATOR.

This excellent machine is thoroughly constructed throughout, very durable and easy to operate. It spreads from six to fourteen inches, and will cut all the ground covered, even when spread to its greatest extent. The depth of the cultivation may be accurately gauged by raising or lowering the wheel, which is quickly done. It is now made with a large wheel and is also provided with a set of teeth of improved pattern, having STEEL BLADES of the best quality, and is perfectly adapted for use in any kind of soil. **Price, boxed and delivered at Depot or Express Office, \$1.50.** (Tel. Cipher, Yell.)

Hoes, with long Steel Blades, for use in exchange with the cultivator teeth. **Price per pair, complete, delivered at Depot or Express Office, \$1.25.** (Tel. Cipher, Yolo.)

Gem of the Garden Hand Wheel Hoe and Cultivator.

This implement is offered to gardeners and others with the assurance that it is the most effective and convenient tool of the kind yet invented. Its working parts are: two Scuffle or Cutting Blades, one $4\frac{1}{2}$ and one 9 inches wide; two Plows, right and left hand; five Stirring Teeth; all made of best steel. The wheel and handles of the "GEM" are both adjustable in height, while the frame is so slotted that the hoes, teeth and plows can be set in almost any position or angle. The hoes, of thin steel, and presenting nearly a straight line to the work, avoid the "dodging" so common to tools of this kind. **Price, boxed and delivered at Depot or Express Office, \$4.00.** (Tel. Cipher, York.)



THE WEED SLAYER.

In offering this tool we are confident from our experience with it that it is a very superior tool for use in the garden among onions, turnips, corn, potatoes, strawberries, etc., and for weeding among flowers and in gravel walks. It is light, weighing but 7 lbs.; strong, made of the best steel and iron; adjustable to any height of person, and cutting from one-half inch to one and one-half inches under ground and 7 inches wide. **Price, packed and delivered at Depot or Express Office, \$1.50 each.** (Tel. Cipher, Young.)

SEED BAGS.

No doubt most Seedsmen have experienced considerable difficulty (as we have) in obtaining ready-made bags suitable for Seed purposes. Most in the market are *machine made*, with more or less *imperfections*, and frequently made from *very weak and poor paper*.

The following are all *hand made*, and designed especially for *Seed purposes*. The larger sizes, from 1 pint upward, are made from the *best Manilla Paper*, and are graded in weight or thickness according to size of bag. The smaller sizes are made from the finest finished paper obtainable. **Samples of all sizes furnished on application. All unprinted.**

					Per 1,000.
No. 1	Miniature Pockets, White.....	$\frac{7}{8}$ x $2\frac{1}{4}$	inches..	\$	70
" 3	Cream Linen Paper.....	$2\frac{1}{8}$ x $3\frac{1}{4}$	"	..	1 00
" 6	" " ".....	$2\frac{3}{4}$ x 4	"	..	1 25
" 9	" " ".....	$3\frac{1}{2}$ x 4	"	..	1 75
" 12	" " ".....	4 x $4\frac{3}{4}$	"	..	2 75
" 13	Manilla Paper Gummed.....	1 oz.. $2\frac{1}{2}$ x $4\frac{1}{4}$	"	..	1 25
" 16	" " ".....	2 oz.. 3 x $5\frac{1}{2}$	"	..	1 50
" 15	Colored Manilla Paper.....	1 oz.. $3\frac{3}{4}$ x $4\frac{5}{8}$	"	..	2 00
" 18	" " ".....	2 oz.. $4\frac{1}{2}$ x $5\frac{1}{2}$	"	..	2 50
" 21	" " ".....	(Square) 4 oz.. $4\frac{1}{8}$ x $4\frac{5}{8}$	"	..	2 00
" 24	" " ".....	(Flat) 4 oz.. 5 x $6\frac{1}{4}$	"	..	3 00
" 27	" " ".....	$\frac{1}{2}$ pint.. $4\frac{1}{2}$ x $5\frac{1}{4}$	"	..	2 25
" 30	" " ".....	$\frac{1}{2}$ pound.. 5 x 6	"	..	2 75
" 33	Unbleached Manilla Paper..	1 pint.... 5 x $7\frac{3}{4}$	"	..	2 25
" 36	" " ".....	1 pound.. $5\frac{1}{2}$ x 8	"	..	2 50
" 39	" " ".....	1 quart... $6\frac{1}{2}$ x $9\frac{1}{4}$	"	..	3 25
" 42	" " ".....	3 pints... $7\frac{1}{2}$ x $10\frac{1}{4}$	"	..	4 00
" 45	" " ".....	2 quarts.. $8\frac{1}{2}$ x $11\frac{1}{2}$	"	..	5 25
" 48	" " ".....	3 quarts.. $9\frac{1}{2}$ x $12\frac{1}{2}$	"	..	6 50
" 51	" " ".....	4 quarts.. $10\frac{1}{2}$ x $14\frac{1}{2}$	"	..	9 00
" 54	" " ".....	6 quarts.. $11\frac{3}{4}$ x $16\frac{1}{4}$	"	..	12 00
" 57	" " ".....	8 quarts.. 13 x 18	"	..	16 00

Printing address, etc., from \$1.00 to \$2.50 per 1,000 extra.

D. M. FERRY & CO.,
DETROIT, MICH.

NOTICE.

By making use of the following Telegraphic words for weights and measures, together with the Telegraphic Cipher attached to each article in this list, our customers will be able to order by wire at trifling expense. The Telegraphic words for QUANTITIES must always PRECEDE the cipher word for Seeds, and if the same quantity of several articles is needed, the word for that quantity should be placed before the word for the first article only. For example:—

FREIGHT, Righter, Kearney, Kossuth, Lehigh, means "Send by first freight Five Bushels each of Ferry's First and Best Selected, McLean's Little Gem and Champion of England Peas."

EXPRESS, Recanter, Broome, Burke, Carlton, means "Ship by first express Two Pounds each of Early Jersey Wakefield (true American), Early Winnigstadt and D. M. Ferry & Co's Premium Flat Dutch Cabbage."

	OUNCES.	POUNDS.	BUSHEL.
1	Racer	Rebutter	Rhymer
2	Racker	Recanter	Rider
3	Radiator	Receiver	Rifler
4	Raffler	Reckoner	Rigger
5	Rafter	Recliner	Righter
6	Railer	Recorder	Rigor
7	Raiser	Rector	Rimer
8	Raker	Refiner	Ringer
9	Rambler	Reflector	Rinser
10	Rammer	Reformer	Rioter
11	Rampier	Registrar	Ripper
12	Rancor	Regular	Robber
13	Ranger	Rejoinder	Rocker
14	Ranker	Renewer	Roister
15	Ranter	Repealer	Roller
16	Rapier	Replier	Rooster
17	Rapper	Reporter	Rover
18	Raptor	Reprover	Rower
19	Rasher	Respirator	Rubber
20	Ratifier	Retainer	Rudder
21	Ravager	Retriever	Ruiner
22	Razor	Revealer	Ruler
23	Reader	Revenger	Rumbler
24	Reamer	Reviewer	Ruminator
25	Reaper	Reviler	Rummager
30	Renter	Repulsor	Resignor
40	Repiner	Requirer	Resolver
50	Rearer	Reviser	Rumor
60	Replacer	Rescinder	Resorter
75	Reasoner	Revolver	Runner
100	Rebuker	Rewarder	Rusher
200	Reproacher	Rescuer	Restorer

— BEAN —

Prolific German Wax, Black Seeded.



**Earlier, More Vigorous, Far More Productive, and of
Better Quality than the Old Black Wax.**